

ACCESSION NR: AP4038615

ENCLOSURE: 02

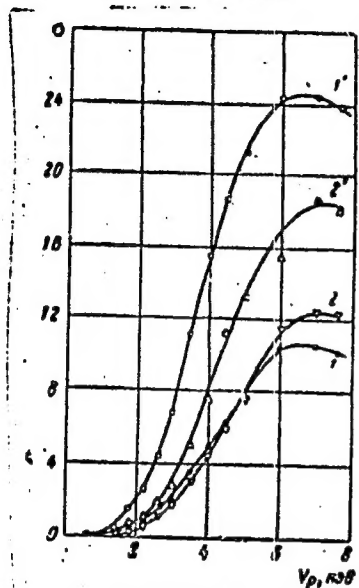


Fig.2. The same as Encl. 01, but for uncompact layers.

Card 4/4

L 16180-65 EWG(j)/EWT(m)/EPF(c)/EPR/EWP(t)/EWP(b) Pr-4/PS-4 SSD/ATNL/
IJP(c) JD

ACCESSION NR: AP4048889

S/0109/64/009/011/2031/2036

AUTHOR: Yasnopol'skiy, N. L.; Karelina, N. A.

TITLE: Some characteristics of secondary-electron, magnesium-oxide,
penetration-type emitters

SOURCE: Radiotekhnika i elektronika, v. 9, no. 11, 1964, 2031-2036

TOPIC TAGS: magnesium oxide emitter, secondary emission, secondary emission
coefficient

ABSTRACT: Results of an experimental investigation of the secondary emission from an MgO film distilled onto a thin Al backing are reported. The variation of the secondary-emission ratio σ with the backing thickness (200-400 Å), the MgO-layer thickness (47-120 microg/cm²), and current density in the primary electron beam (10^{-8} - 10^{-4} amp/cm²) were investigated. These conclusions are reported: (1) reducing the backing thickness in low-voltage emitters results in the $\sigma(V_p)$ curves shifting toward lower V_p (primary-electron energy); however,

Card 1/2

L 16180-65

ACCESSION NR: AP4048889

the maximum σ practically does not vary or even decreases in the case of thin MgO layers; (2) increasing the MgO-layer thickness up to an optimum value, for a given V_p , results in higher σ ; (3) the ratio of the number of slow secondary electrons to the number of penetrated primary electrons increases with the thickness of the MgO layer; this holds true for Cs-treated emitters also; (4) the secondary-emission ratio is practically independent of the current density for values of the latter up to 10^{-4} amp/cm²; the ratio does not fall off in time under a bombardment of 3×10^{-8} amp/cm². Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 01Aug63

ENCL: 00

SUB CODE: EC

NO REF SOV: 005

OTHER: 002

ATD PRESS: 3146

Card 2/2

KARELINA, N.I.; CHERNEVICH, Ye.L. (Novosibirsk)

A case of sarcoma of the lungs. Klin. med. 32 no.11:63-65 N '54.
(MLRA 8:1)

1. Is gosital'noy khirurgicheskoy kliniki (zav.-doktor
meditsinskikh nauk I.L.Bregadze) Novosibirskogo meditsinskogo
instituta na baze oblastnoy bol'nitsy (glavnyy vrach V.N.Kutikov)
(LUNGS, neoplasms
sarcoma)

KARELINA, O.I., dotsent

Effect of macro- and microelements on the development of
generative organs in Klinsk cucumbers under greenhouse
conditions. Sbor.nauch.trud. Ivan.sel'khoz.inst. no.16:
109-118 '58. (MIRA 13:11)

1. Kafedra botaniki i selektsii Ivanovskogo sel'skokhozyaystvennogo
instituta.

(Cucumbers--Fertilizers and manures) (Trace elements)
(Generative organs)

KARELINA, R. A.

A. N. Karaseva, A. G. Makarov, R. A. Karelina, et al., Al'bom chertezhey
desinfektsionnykh kamer /Album of Drawings of Disinfection Chambers/, Medgiz,
10 sheets, 1954 - 82p.

The album gives schematic drawings of disinfection chambers produced to meet local conditions. Brief technical explanations are appended, together with instructions for work with disinfection chambers.

Intended for disinfection physicians, epidemiologists, disinfecting instructors, workers at sanitary-epidemiological stations, and engineers in sanitary technology.

SO: U-6472, 23 Nov 1954

KARELINA, R.I.

Biology of Chorthippus albomarginatus Deg. in central Yakutia. Uch.
zap. Iak. un. no.1:99-119 '57. (MIRA 11:3)
(Yakutia--Locusts)

KARELINA, R.I., prepodavatel'

Harmful locusts in Yakutia. Zashch. rast. ot vred. i bol. 6
no.11:28 N '61. (MIRA 16:4)

1. Yakutskiy gosudarstvennyy universitet.
(Yakutia--Locusts--Extermination)

KARELINA, R. I., Cand. Agri. Sci. (diss) "Harmful Locusts of Yakutia (Biological Measures of Control)," Leningrad, 1961, 15 pp. (Leningrad Agri. Inst.) 250 copies (KL Supp 12-61, 279).

STEPANTSOVA, N.P.; GELLER, B.E.; KARELINA, S.L.

Investigating the process of dyeing triacetate silk with active dyes.
Izv.vys.ucheb.zav.; tekhn.tekst. prom. no.5:83-87 '64.

(MIRA 18:1)

1. Tashkentskiy tekstil'nyy institut.

KARELINA, V.

PA 8/49T90

USSR/Medicine - Microorganisms
Medicine - Infusoria

Jul 48

"Relation of 'Paramecium Caudatum' to the Nucleus
in Various Stages of Its Ontogenesis," V. Karelina,
Lab of Dynamics of Growth of Organisms, Inst
Experimental Med, Acad Med Sci USSR, Leningrad,
4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 1

Reports experiments. Observed effect of various
reagents on the infusoria. Tabulates and discusses
results. Drawing shows granule formation.
Submitted 5 May 1948.

8/49T90

PA 11/49T57

KARELINA, V. I.

USSR/Medicine - Histology
Medicine - Burns

Jul 48

"Some Data on Cytohistogenesis," V. I. Karelina,
Lab of Dynamics of Development of Organisms, Inst
Experimental Med, Acad Med Sci USSR, Leningrad,
4 pp

"Dok Ak Nauk SSSR" Vol LXI, No 2

Describes action of neutral red after the pig-
mented epithelium of the cornea of a hibernial frog
was subjected to point burn. Concludes that this
intensified granule formation in lower part of
burn. Submitted 5 May 48.

11/49T57

PA 11/49T70

KARELINA, V. I.

USSR/Medicine - Microorganisms
Medicine - Evolution

Jul 48

"Changes Occuring in Protozoa During Their Growth Cycle," V. I. Karelina, Lab of Dynamics of Development of Organisms, Inst Experimental Med, Acad Med Sci USSR, Leningrad, 2 $\frac{1}{2}$ pp

"Dok Ak Nauk SSSR" Vol LXI, No 3

Reports experiments on *Onychodromus grandis* Stein (Hypotricha). Results support theory of ontogenesis of monocellular organisms. Submitted 5 May 48.

11/49T70

TIMOFEYEV, M.K.; KARELINA, V.I.; KOLUSHEV, I.P.

Outbreak of anthrax on the Arzamas-Gorkiy cattle trail. Zhur.
mikrobiol., epid. i immaun. 33 no.7:32-35 J1 '62.

(MIRA 17:1)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta
"Mikrob" i Gor'kovskoy oblastnoy sanitarno-epidemiologi-
cheskoy stantsii.

EXCERPTA MEDICA Sec.8 Vol.11/4 Neuro.-Psychiatry Apr 58
~~KARALINA, V.I.~~

1650. CHARACTERISTIC FEATURES OF CEREBRAL HAEMORRHAGE IN
 HYPERTENSIVE DISEASE (Russian text) - Karalina V.I. - TRUD.1
 MOSK. MED. INST. 1956, 1 (47-54)

Cerebral haemorrhage which frequently causes the death of patients with hypertensive disease quite often occurs unexpectedly. The author made a study of 41 such cases. Only in 16 patients was there any exacerbation of the condition prior to the cerebral vascular accident (headache, vertigo); in the others cerebral haemorrhage occurred without any warning. Hypertensive disease had been diagnosed during life in only 24 patients. The author divides the remaining 17 patients into 2 groups. No signs of disease were noted in 9 patients of the first group; the second group was distinguished by the presence of neurotic symptoms, and blood pressure was not recorded in this group. In most cases the haemorrhages were massive, and in some cases multiple. They were found most frequently in the subcortical ganglia, cerebellar haemorrhage occupying second place with respect to frequency. In 3 patients the haemorrhage involved the brain stem. On the basis of studies of morphological changes in the vessels the absence of direct connection between the cerebral lesion and atherosclerotic changes in the vessels is emphasized. The latter were prominent in only 9 cases; in 20 they were moderately pronounced and were absent in 12. From the point of view of pathogenesis in cases of cerebral vascular accidents the changes in small vessels are of great interest. Severe changes are observed in these, in the form of infiltration by plasma cells and perivascular haemorrhages (in 32 patients); the cause of these changes is the increased permeability of the vessel walls resulting from functional impairment of vascular innervation.

see V.I. Karalina

1650

Vascular spasm leads to the paresis of the adjacent capillary network which results in impairment of vessel wall permeability with subsequent escape of plasma and formed elements of blood into the surrounding tissues. The leading role of functional mechanisms in the aetiology of cerebral haemorrhages is stressed without denying the significance of organic lesions of the vessel wall. (S)

KARELINA, V.

Member, Scientific Staff of the Tomsk Institute of Epidemiology and Microbiology

Candidate of Biological Sciences

"A Soviet Discovery and Foreign Falsifiers,"
Izvestia (1949) Co-author

Current Digest of the Soviet Press, Vol. No. 36, 1949, page 13. (In ~~the~~ Library)

KARALINA, V. I.

18228. Influence of juices of the digestive tract on the bacteriostatic action of saliv. V. I. Karalina. Izv. Tomsk. Inst. Vekstva, 1958, 8, 267-270; Ref. Zh. Mikr., 1958, Abstr. No. 78328. In experiments *in vitro* with various stocks of dysentery bacteria, it is shown that addition to a soln. of saliv (1) garlic preparation) of a solution of saliv, 1 : 10, reduces the bacteriostatic effect of 1. For dilutions with saliv 1 : 100, the inhibiting effect on the activity of 1 is weaker. Saliv, after boiling has a very weak inhibiting action. Gastric juice as a whole, in a dilution of 1 : 10, decreases the bactericidal properties of 1, and gastric juice, neutralized at the same time with 0.1 % NaOH, inhibits the bactericidal properties of 1. Different portions of duodenal juice show an inhibiting effect on the bactericidal properties of 1. (Russian) F. McKernan

~~SECRET~~

Experience of the Gorky Institute [Public Health
Institute in work hygiene] (Opyt raboty Gorkovskoi ob-
shchestvenno-nauchnoy organizatsii po gigiyene truda. Moskva, Me-
dicina, 1966. 10 p. (RHM 18-7)

KARELINA, V.I.

Causes of Death

Dissertation: "Sudden Death in the case of Hypertension." Cand Med Sci, First
Moscow Order of Lenin Medical Inst, 15 Mar 54. (Vechernyaya Moskva, Moscow 3 Mar 54).

SO: SUM 213, 20 Sep 54

KAROLINA, Z.M.

Conference on late results of affections induced by ionizing
radiation. Mod.rad. 2 no.3:86-99 Ny-Je '57. (MIRA 10:10)
(RADIATION--PHYSIOLOGICAL EFFECT)

KARELINOV, G.P.

President of the Oblast Administration of Agriculture (Kalinin Oblast) reported "On the status of Veterinary Affairs in the Oblast and the Tasks of Veterinary Specialists in Further Development of Public Animal Husbandry" at the plenary sessions of the oblast conference of veterinary specialists held in Kalinin from September 27 to 29, 1951.

SO:Veterinariya; Vol. 29; No. 1; 61-63; January 1952 uncl deg
Trans. # 26 by L. Lulich (filed under Conference of Vet Specialists of Kalinin Oblast)

KARELIS, U.; PICA, A., red.

[Mechanization of work in land reclamation] Zemles arborinā-
darbu mehanizacija. Rīga, Latvijas Valsts izdevniecība, 1964.
114 p. [In Latvian] (Uzskaites)

KARELOV, A G

N/5
752.4
.L3

Torgovyie Skidki Na Prodovol'stvennyy i
Promyshlennyye Tovary (Trade Discount on
Food and Industrial Goods, By) G. M.
Lasevich i A. G. Karelov. Pod Red. A. K. Krumina.
Moskva, Gostorgizdat, 1954.

115 p. Tables.

KARELOV, A.

High-quality wheat has reached the elevator of the Tiflis Milling
Combine. Muk. elev. prom. 24 no.11:27 N '58. (MIRA 11:12)

1. Nachal'nik elevators Tbilisskogo mel'nichnogo kombinata No.1.
(Tiflis--Grain elevators)

S/724/61/000/000/009/020

AUTHOR: Karelov, G.K.

TITLE: Technological peculiarities of the preparation of AA 8 (AL8) alloy.

SOURCE: Liteynnye alyuminyevyye splavy; svoystva, tekhnologiya plavki, lit'ya i termicheskoy obrabotki. Sbornik statey. E. by I. N. Fridlyand and M. B. Al'tman. Moscow, Oborongiz, 1961, 75-78.

TEXT: The paper describes experimental findings which aid in overcoming difficulties formerly encountered in the pouring of odd-shaped thick-walled AL8 castings and in making the best possible use of the elevated strength and corrosion resistance which make this alloy so desirable for use in machine parts. Many of the casting difficulties are attributable to the strong tendency toward oxidation of the alloy in the liquid state and the need for a high purity in the composition of the alloy. The investigation has established that an addition to the AL8 alloy of Be and Ti decreases sharply the formation of "blackening" in castings, and permits the smelting of the alloy without a protective flux as well as the heat treatment of parts without a protective coating. These findings open broad avenues for the smelting, casting, and heat treatment of parts of AL8. The new procedure permits the use of a solid flux containing a fairly large amount of fluorides, which has an elevated

Card 1/2

Technological peculiarities of the preparation....

S/724/61/000/000/009/020

refining capability, and does away with the heretofore employed liquid flux (carnallite, at times with an addition of up to 20% of fluorspar), which had only a low refining capability. It is noteworthy that the former liquid flux was instrumental in destroying the protective coating which otherwise would have permitted the casting of AL8 alloy in cast-iron crucibles, and that the elimination of the liquid flux now permits the use of the protective coating and the casting in cast-iron crucibles. However, remaining difficulties suggested the development of a new flux, also of the $MgCl_2 \cdot KCl - CaF_2$ system, and a composition comprising 60% carnallite and 40% fluorspar was developed. This new flux sinters into a monolithic solid mass on top of the fused metal and does not interfere with the protective coating. A protective coating made of graphite obtained from graphite-crucible scrap was developed. The precise technology of the smelting, casting, and heat treatment of AL8-alloy parts is described in step-by-step detail, and it is concluded that the mechanical properties of AL8-alloy parts thus produced are significantly better than those required by the Engineering Specifications. There are no figures, tables, or references.

Card 2/2

KARELOV, G.M., inzh.

Fine practical guidance ("Industrial noise and the fight against
it" by I.I.Slavin. Reviewed by G.M.Karelov). Rech.transp. 18
no.1:56 Ja '59. (MIRA 12:2)
(Marine engines--Noise) (Slavin, I.I.)

ZAVADSKIY, Yu.Ye., inzh.; KARELOV, O.Ye., inzh.; Minimali uchastiye:
STEL'MASHENKO, M.B., inzh.; VYSOTSKIY, A.I., inzh.

Protection of silicon rectifier systems of electric rolling
stock. Vest. elektroprom. 33 no.9:34-37 S '62. (MIRA 15:10)

(Electric railroads—Current supply)

(Electric current rectifiers)

(Electric protection)

SHRABSHTEYN, B.A., inzh.; KAHLOV, Ye.M., inzh.

Pneumatic conveying of cotton from PSB-1 feeder-mixers. Tekst.
prom. 18 no.6:34-36 Je '58. (MIRA 11:7)
(Pneumatic tube transportation) (Cotton machinery)

KARELOVA, J.

NIZNANSKY, Frantisek; STRICKER, Frantisek; KARELOVA, Jarmila

Experience with typing of strains of Brucella. Cesk. hyg. epidem.
mikrob. 2 no.5:374-380 Oct. 53.

1. Ze Statneho vedeskeho veterinarného ustavu v Bratislave.
(BRUCELLA,
typing)

KARELOVA, J.

STRICKER, F.; GRUNERT, Z.; KARELOVA, J.; KOPPEL, Z.

Incidence of listeriosis in animals in Czechoslovakia. Cesk.
epidem. mikrob. imun. 5 no.5:236-238 Sept 56.

1. Statny vedecky veterinary ustav, Bratislava a pobočka Kosice.
(LISTERIA, infect.
in animals, incidence in Czech. (Cz))
(ANIMALS, dis.
listeriosis, incidence in Czech. (Cz))

KARELOVA, M.A.

The RTP-192-2 coiler-gearing roving machine. Biul.tekh.-ekon.inform.
no.7:45-46 '58. (MIRA 11:9)
(Textile machinery)

KARELOVA, M.A.

The IS-235-3 sliver lapping machine. Bul.tekh.-ekon.inform. no.4:
45-46 '60. (MIRA 13:11)

(Textile machinery)

KAREL'SHTEYN, I.M., inzh.; ORLOV, A.N.

From foreign experiments in the use of polypropylene in the
manufacture of furniture parts. Der. prom. 13 no. 3330-33.
Mr'64. (GIRA 1737)

1. VOPRE.

FATEYEV, A.V.; KAREL'SHTEYN, I.M.

Using polystyrene foam in the production of furniture. Der. prom. 12
no.11:15-16 N '63. (MIRA 17:1)

KAREL'SHTEYN, I.M.; POSPELOVA, G.L., red.

[Plastics in the furniture industry; a review] Plasticheskie massy v mebel'noi promyshlennosti; obzor. Moskva, TSentr. nauchno-issl. in-t informatsii i tekhniko-ekon. issledovaniy po lesnoi, tselliulozno-bumazhnoi, derevoobrabatyvaiushchei promyshl i lesnomu khoz., 1963. 134 p. (MIRA 17:9)

1. TSentral'noye proyektno-konstruktorskoye byuro po mebeli (for Karel'shteyn).

MAUROV, S., kand. arkhitektury; KAPIL'CHENKO, Yu., arkhitekter.

New buildings for technical schools in Moscow. Prof.-tekh.
str. 22 nos. 12:14-15 D '65 (MIRA 19:1)

KAREL'SKAYA, A.F.

Lobrovskaya, A.H. and Karel'skaya, A.F. "Microscopic and bacteriological evaluation of plasma and serum in various methods of separating them from blood and preserving them", Perelivaniye Krovi, Collection 3, (Ivanovo), 1948, p. 147-57.

SC: U-3024, 11 March 53, (Letopis 'zhurnal 'nykh Statey, No. 7 1949)

KAREL'SKAYA, A. F.

"The Question of the Mutability of Staphylococci." Cand Biol Sci, Second
Moscow Medical Inst, Ivanovo, 1953. (RZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).


S/137/61/000/012/133/149
A006/A101

AUTHORS: Shishkina, N.I., Tsakhanskiy, M.I., Karel'skaya, T.A.

TITLE: The behavior of radioactive isotopes during the separation of non-metallic impurities from steel by the method of electrolytic dissolving

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 12, 1961, 36-37, abstract 12I287 ("Byul. nauchno-tekhn. inform. Ural'skiy n.a. in-t chern. metallov", 1960, no. 8, 96 - 102)

TEXT: A stable radioactive tracer was selected. Slags of six different chemical compositions were investigated; they contained Ca, Ce, W and Zr radioactive isotopes. During the separation of radioactive-isotope-containing non-metallic impurities from the steel, and during the processing of deposits by various reagents, their components and the radioactive isotopes are dissolved. As a result the aforementioned isotopes can not be used as tracers to determine the content of non-metallic impurities in steel. It is pointed out that the



Card 1/2

The behavior of radioactive isotopes ...

S/137/61/000/012/133/149
A006/A101

existing methods of determining the amount and composition of non-metallic impurities do not yield data characteristic of the true composition of non-metallic impurities.

I. Nikitina

[Abstracter's note: Complete translation]

6
—

Card 2/2

TSEKHANSKIY, M.I., kand.tekhn.nauk; SHISHKINA, N.I., kand.khimicheskikh
nauk; Prinsipali uchastiye: KHUSNOYAROV, K.B.; KAREL'SKAYA, T.A.

Radiometric study of the effect of refractories on the presence
of nonmetallic inclusions in steel. Stal' 22 no.1:66-67 Ja '62.
(MIRA 14:12)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov.
(Steel--Defects)
(Radioisotopes--Industrial applications)

PETROV, K.M.; DYAKONOV, V.I.; FADEYEV, I.G.; SEMENENKO, P.P.; KRYUKOV, L.G.;
 Prinimali uchastiye: PASTUKHOV, A.I.; SHISHKINA, N.I.;
 PAZDNIKOVA, T.S.; CHIRKOVA, S.N.; KAREL'SKAYA, T.A.; LOPTEV, A.A.;
 DZEMYAN, S.K.; ISUPOV, V.F.; BELYAKOV, A.I.; GUDOV, V.I.;
 SUKHMEN, L.Ya.; SLESAREV, S.G.; GOLOVANOV, M.M.; GLAGOLENKO, V.V.;
 ISUPOVA, T.A.; ZYABLITSEVA, M.A.; KAMENSKAYA, G.A.; POMUKHIN, M.G.;
 UTKINA, V.A.; MANEVICH, L.G.

Vacuum treatment of alloyed open hearth steel. Stal' 22 no.2:113-
 117 F '62. (MIRA 15:2)

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov
 (for Pastukhov, Shishkina, Pazdnikova, Chirkova, Karel'skaya,
 Loptev, Dzemyan). 2. Metallurgicheskiy kombinat im. A.K. Serova
 (for Isupov, Belyakov, Gudov, Sukhman, Slesarev, Golovanov,
 Glagolenko, Isupova, Zyablitseva, Kamenskaya). 3. 6-y Gosudar-
 stvennyy podshipnikovyy zavod (for Pomukhin, Utkina, Manevich).
 (Steel—Metallurgy)
 (Vacuum metallurgy)

KAREL'SKAYA, V.F.

RADUSHKEVICH, L.V.

24(6) 13 7244 1 0000 000/1403

Broshchennye po metodam issledovaniya struktury vysokodispersnykh i poristyykh tel. M., Leningrad, 1956.

Metody issledovaniya struktury vysokodispersnykh i poristyykh tel; study storage methods (Methods of investigating the structure of highly dispersive and porous bodies). Transactions of the Second Conference, Moscow, 1954-55. 294 p. 2,000 copies printed.

Sponsoring Agencies: Akademiya nauk SSSR. Institut fizicheskoy khimii and Institut khimii elementov.

Rev. Ed.: Dobitskiy, M.M.; Akademitskiy; Ed. of Publishing House, Moscow, L.L.;

PREFACE: This book is intended for scientists, teachers and advanced students interested in the structural analysis of highly dispersive and porous bodies.

CONTENTS: This collection contains reports by members of various Soviet institutions of higher education: Institute of Physical Chemistry, AS USSR; Institute of Chemistry, AS USSR; Far Eastern Branch, AS USSR; Georgian Scientific Research Institute for Petroleum; State Optical Institute; Leningrad Technological Institute; Moscow and Leningrad State Universities; Far Eastern Polytechnical Institute; Agrophysical Institute, and others. The majority of reports were made by Professor S.A. Porpeter, Director of the Division of Silicate Chemistry, AS USSR. The collection includes four subject divisions (see Table of Contents), the collection includes discussions, considerations and proposals adopted at the close of the conference.

TABLE OF CONTENTS

PART IV. THE "MERCURY POROSIMETRY" METHOD (FOR SIZE DISTRIBUTION INVESTIGATION BY THE MERCURY-IMMERSION METHOD)

Plachent, T.O., I.A. Karel'skaya, and A. Ia. Polakovich (Leningradskiy tekhnologicheskiy institut imeni Tshernomir-Leningradskiy Tekhnologicheskii Institut imeni Lomonosova). Studying the Structure of Porous Bodies by Mercury Porosimetry	251
Shashov, S.A. (Vostochnaya akademiya khimicheskoy razrabotki imeni L.I. Vorobeyeva-Militarnaya Akademiya dlya Khimii). Low-pressure Mercury Porosimetry	259
Zalavskiy, M.I., and V.Z. Rykov (Dal'nevostochnyy politekhnicheskii institut imeni V.V. Kuybysheva, Vladivostok-Far Eastern Polytechnical Institute imeni V.V. Kuybyshev, Vladivostok). Application of the Mercury Porosimetry Method for Investigating the Macroporosity of Natural Sorbents	267
Discussion (by contributing authors: G.M. Belotserkovskiy, Leningrad Tekhnologicheskii Institut imeni Lomonosova; and M.F. Zhuravskaya, Institut gornykh del, AS GOSM-Mining Institute, AS USSR)	273

Card 8/9

NAGORNYI, V.T.; MAKHAN'KO, A.V.; KAREL'SKAYA, V.F.; TIMCHENKO, I.A.

Feeding fattening pigs with crude sugar beets. Veterinariia
39 no.10:73-74 0 '62. (MIRA 16:6)

1. Belotserkovskiy sel'skokhozyaystvennyy institut.
(Sugar beets)
(Swine--Feeding and feeds)

FEDOT'YEV, N.P.; VYACHESLAVOV, P.M.; KAREL'SKAYA, V.F.; YUDILEVICH, S.R.

Measuring the porosity of chromium coatings by the embedding
of mercury. Trudy LTI no.53:51-52 '59. (MIRA 14:3)

(Chromium plating--Testing)(Porosity--Testing)

NAKEL'SKAYA, V.F.

PHASE I BOOK EXPLOITATION

128

SOV/6246

Soveschchaniye po tseolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye
(Synthetic Zeolites: Production, Investigation, and Use). Mos-
cow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady)
Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh
nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor
of Chemical Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P.
Golub'.

PURPOSE: This book is intended for scientists and engineers engaged
in the production of synthetic zeolites (molecular sieves), and
for chemists in general.

Card 1/12⁷

Synthetic Zeolites: (Cont.)

SOV/6246

COVERAGE: The book is a collection of reports presented at the First Conference on Zeolites, held in Leningrad 16 through 19 March 1961 at the Leningrad Technological Institute imeni Lensovet, and is purportedly the first monograph on this subject. The reports are grouped into 3 subject areas: 1) theoretical problems of adsorption on various types of zeolites and methods for their investigation, 2) the production of zeolites, and 3) application of zeolites. No personalities are mentioned. References follow individual articles.

TABLE OF CONTENTS:

Foreword

Dubinin, M. M. Introduction

3

5

Card 2/12 h

KAREL'SKIKH, D.K., prof.; APASHEV, M.D., kand.tekhn.nauk; BARSKIY, I.B.,
kand.tekhn.nauk; ZAYCHIK, G.I., doktor tekhn.nauk, retsenzent;
ANOKHIN, V.I., kand.tekhn.nauk, retsenzent; ZARETSKIY, B.I.,
inzh., red.; POPOVA, S.M., tekhn.red.

[Theory, design, and engineering analysis of tractors] Teoriia,
konstruktsiia i raschet traktorov. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit. lit-ry. [Pt.3. Theory and analysis of
tractor chassis] Teoriia i raschet shassi traktorov. Pod obshchei
red. D.K.Karel'skikh. 1950. 144 p. (MIRA 11:12)
(Tractors)

		ALPHABETIC INDEX																												NUMERIC INDEX																																															
		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
		KAREL'SKI V.F.																																																																											
		PROCESSES AND PROPERTIES INDEX																																																																											
		919. FUEL PELLETTES. Nedopekin, A N and Karel'skii V F (Russ. P. 58, 325/1940; Chem Abst. 1944, 3, 6073). Powd. fuel, water lass and coal tar itch are mixed and pressed while hot.																																																																											
		ASS-SEA METALLURGICAL LITERATURE CLASSIFICATION																																																																											
		REGIONAL INDEX																																																																											
		RESEARCH CODES																																																																											
		RESEARCH CODES																																																																											

CHERNYAK, B.Ya.; KAREL'SKIY, V.I.

Methods of determining the nonuniform composition of mixtures in
various cylinders of carburetor engines. Trudy Inst. dvig. no.6:
140-152 '62. (MIRA 16:5)

(Automobiles--Engines--Carburators)
(Automobile exhaust gases--Testing)

KAREN, A.

Smell disorders and their examination. Lek. listy, Brno 7 no.19:480-
483 1 Oct 1952. (CLML 23:2)

1. Of the Ear, Nose and Throat Clinic (Head--Prof. Frantisek Ninger,
M.D.) of Masaryk University, Brno.

CHALUPA, B., PhDr.; KAREN, A., MUDr.; SEVCIK, M., MUDr.

Vestibular disorders in methyl chloride poisoning. Pracovní
lek. 7 no.5:278-281 Sept 55.

1. Z Oddelení pro prevenci, léčení a posuzování nemocí z povolání
KUNZ v Brně. Přednosta doc. MUDr. K. Kadlec--Z kliniky chorob
usních, nosních a krcních lékařské fakulty MU v Brně, Přednosta
prof. MUDr. F. Ninger.

(POISONING,

methyl chloride, causing vestibular disord.)

(METHYL CHLORIDE, poisoning,
causing vestibular disord.)

(VESTIBULAR APPARATUS, diseases,
caused by methyl chloride pois.)

KAREN, Alexander, MUDr.

Source: Czechoslovak Medical Literature

Inhalation treatment of oxena with special reference to antibiotics. Cask. otolar. 5 no.1:26-31 Feb 56.

1. Z Kliniky chorob usnich, nosnich a krcnich lekarske fakulty Masarykovy university v Brne, prednosta prof. MUDr. Frantisek Ninger.

(RHINITIS, ATROPHIC, ther.
mineral water with penicillin & streptomycin. (Cz))

(MINERAL WATER, ther. use,
atrophic rhinitis, with penicillin & streptomycin.
(Cz))

(PENICILLIN, ther. use,
atrophic rhinitis, with mineral water & streptomycin
(Cz))

(STREPTOMYCIN, ther. use,
atrophic rhinitis, with mineral water & penicillin.
(Cz))

CHALUPA, B., PhDr.; ~~KAREN A.~~ MUDr.; POSPISIL, P., PhDr.;
SEVCIK, M., MUDr.

Work in noisy environments and hazards of noise in workers
employed in motor testing plants. Pracovní lek. 8 no 4:269-
276 Aug 56.

1. Z Oddel. pro. prevenci, lecení a posuzování nemocí z povolání
KUNZ v Brně, předn. doc. MUDr. K. Kadlec. Z kliniky chorob ušních,
nosních a kranich lékařské fakulty MU v Brně, předn. prof. MUDr.
Fr. Ninger.

(HEARING DISORDERS, etiology and pathogenesis
noise in motor testing plants (Cz))

(NOISE, injurious effects,
hearing disord. in motor testing plants (Cz))

(OCCUPATIONAL DISEASES,
hearing disord. caused by noise in motor testing
plants (Cz))

KAREN, A.

CHALUPA, B., PhDr.; KAREN, A., MUDr.; POSPISIL, P., PhDr.; SEVCIK, M., MUDr.

Complex examination of workers in a noisy environment. Cesk.
otolar. 6 no.2:65-69 Apr 57.

1. Oddeleni pro prevenci lecení a posuzování nemoci z povolání
KUNZ v Brně, prednosta doc. MUDr K. Kadlec. Klinika chorob
usnich, nosnich a krcnich lekarske fakulty MU v Brně, prednosta
prof. MUDr. Fr. Ninger.

(NOISE, inj. eff.,

in workers of motor testing plant, diag. & prev. (Cz))

(OCCUPATIONAL DISEASES

inj. eff. of noise in workers of motor testing plant,
diag. & prev. (Cz))

KAREN, A.

VYSKOCIL, Jiri; SKLENSKY, Bohuslav; KAREN, Alexander

Diseases of the respiratory tract in streetcar workers. Pracovní lek.
10 no.1:32-36 Mar 58.

1. Klinika chorob z povolani v Brne, prednosta doc. MUDr K. Kadlec
Klinika chorob usnich, nosnich a krcnich v Brne, prednosta profesor
MUDr Frant. Ninger. J. V. Klinika chorob z povolani Brno, Pekarska ul.
53.

(RESPIRATORY TRACT, diseases,
in streetcar workers (Cz))

KAREN, Alexandr; VYSKOCIL, Jiri; SKLENSKY, Bohuslav

Relationship between diseases of the upper and of the lower parts of the respiratory tract in city transport workers. Cesk. otolar 8 no.2: 78-84 Apr 59.

1. Klinika chorob usnich, nosnich a kronich lek. fak. v Brne, prednosta prof. dr. Fr. Ninger Klinika chorob z povlani lek. fak. v Brne, prednosta doc. dr. K. Kadlec.

(RESPIRATORY TRACT, dis.

in city transport workers (Cz))

SKLENSKY, B.; KAREN, A.

The relation of chronic inflammation of the paranasal sinuses to chronic inflammation of the lower respiratory tract in miners.
Pracovní lek. 13 no.4:187-190 My '61.

1. Klinika chorob z povolani v Brne, prednosta doc. MUDr. K. Kadlec.
Klinika chorob usnich, nosnich a krenich v Brne, prednosta profesor
MUDr. R. Hladky.

(SINUSITIS compl) (RESPIRATORY TRACT INFECTIONS compl)
(MINING)

KAREN, ALEXANDR

30

1. The first part of the document is a letter from the author to the editor of the journal "Soviet Studies". The letter is dated 1958 and is written in Russian. The author is a Soviet citizen and is writing to inform the editor of the journal of his plans to publish a book on the subject of the Soviet Union's foreign policy in the post-war period. The author is also asking the editor to consider the book for publication in the journal.

2. The second part of the document is a letter from the editor of the journal to the author. The letter is dated 1958 and is written in Russian. The editor is thanking the author for his letter and for his interest in the journal. The editor is also informing the author that the book has been accepted for publication in the journal.

3. The third part of the document is a letter from the author to the editor of the journal. The letter is dated 1958 and is written in Russian. The author is thanking the editor for his letter and for his interest in the journal. The author is also informing the editor that the book has been accepted for publication in the journal.

4. The fourth part of the document is a letter from the editor of the journal to the author. The letter is dated 1958 and is written in Russian. The editor is thanking the author for his letter and for his interest in the journal. The editor is also informing the author that the book has been accepted for publication in the journal.

5. The fifth part of the document is a letter from the author to the editor of the journal. The letter is dated 1958 and is written in Russian. The author is thanking the editor for his letter and for his interest in the journal. The author is also informing the editor that the book has been accepted for publication in the journal.

6. The sixth part of the document is a letter from the editor of the journal to the author. The letter is dated 1958 and is written in Russian. The editor is thanking the author for his letter and for his interest in the journal. The editor is also informing the author that the book has been accepted for publication in the journal.

7. The seventh part of the document is a letter from the author to the editor of the journal. The letter is dated 1958 and is written in Russian. The author is thanking the editor for his letter and for his interest in the journal. The author is also informing the editor that the book has been accepted for publication in the journal.

8. The eighth part of the document is a letter from the editor of the journal to the author. The letter is dated 1958 and is written in Russian. The editor is thanking the author for his letter and for his interest in the journal. The editor is also informing the author that the book has been accepted for publication in the journal.

9. The ninth part of the document is a letter from the author to the editor of the journal. The letter is dated 1958 and is written in Russian. The author is thanking the editor for his letter and for his interest in the journal. The author is also informing the editor that the book has been accepted for publication in the journal.

10. The tenth part of the document is a letter from the editor of the journal to the author. The letter is dated 1958 and is written in Russian. The editor is thanking the author for his letter and for his interest in the journal. The editor is also informing the author that the book has been accepted for publication in the journal.

KAREN, Alexander

Exostoses of the external auditory canal in swimmers. Cesk. otolar.
10 no.6:326-362 D '61.

1. Klinika chorob usnich, nosnich a krcnich lek. fak. University J. E.
Purkyne v Brne, prednosta prof. MUDr. Robert Hladky.

(EAR EXTERNAL diseases) (EXOSTOSES statistics)
(SWIMMING)

LEJHANOVA, Marketa; SKLENSKY, Bohuslav; KAREN, Alexandr

1 Skin injury in the production of tar paper. Prac. lek. 16 no.4:
163-166 My '64

1. Klinika nemoci z povolani lekarske fakulty University J.E.
Purkyne v Brne (prednosta: doc. dr. J. Vyskocil).

FAERN, Hugo, M. MDr.

~~Thromboflebitis of the axillary and subclavian veins.~~ ~~1957.~~
36 no.6:389-392 June 57.

1. I. celovecká klinika v Praze, přednosta MUDr. J. Václavík.

(Thromboflebitis, case reports)

axillary thromboflebitis of effort in violent work

Category : USSR/Electricity - Semiconductors

G-3

Abs Jour : Ref Zhur - Fizika, No 2, 1957 No 4156

Author : Karenblit, L.L., Shteynberg, A.A.

Title : ~~Graphic Method for Determining the Chemical Potential in Semiconductors.~~

Orig Pub : Zh. tekhn. fiziki, 1956, 26, No 5, 927-937

Abstract : The presently-used method for determining the temperature dependence of the chemical potential in semiconductors (solution of the neutrality equation for various types of semiconductors) is cumbersome and does not always give a simple end result. A new, simpler and more convenient graphic method is proposed for finding $\mu(T)$ as the abscissa of the intersection point of two functions, which are the left and right halves of the neutrality equation. If the scale is specially chosen, the determination of $\mu(T)$ simplifies considerably and reduces fundamentally to the plotting of only two "universal" functions. Many examples are cited.

Card : 1/1

KAREN'GIN, F.I.

Socialist competition between geological prospectors of the
Ukrainian and Ural geological administrations. Razved.i okh.
nadr 21 no.3:54-55 My-Je '55. (MLRA 9:12)

(Prospecting)

SCV/132-59-4-13/17

AUTHOR: Karen'gin, F.I.

TITLE: A Drilling Brigade of Communist Labor

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 4, pp 54-55
(USSR)

ABSTRACT: A drilling brigade of the Kiyevskiy geologicheskii trest (Kiyev Geological Trust) led by Senior Master M.P. Lozin has decided to work according to the principles fixed by the communist party. Some of its achievements are described. Working with an SBU-150-ZIV drilling rig (in summer) and a TIR-150 with a 200/40 Pump (in winter) the brigade covered the 5-year 1954-1958 drilling plan in 4 years and 6 months. The brigade drilled 58,275 m (about 1000 bore holes). In connection with the new 7-Year Plan the brigade promised to terminate the task fixed by the Plan in 6 years, and challenged other drilling brigades to a socialist competition.

Card 1/2

SCV/152-59-4-14/17

A Drilling Brigade of Communist Labor

ASSOCIATION: Kiyevskiy geologorazvedochnyy trust (The Kiyev
Geological Prospecting Trust)

Card 2/2

KARENGINA, N.S.

Nurses and Nursing

Treatment of laryngo-pulmonary tuberculosis with special reference to nursing.
Med. sestra no, 6, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

GINEVSKIJ, A.; KAREPENKO, I.; FELOROVIC, N.

Deliveries made by the Department of Technical Control
must be of high quality. Podn org 18 no. 3:140 Mr '64.

KARENIN, K.

Under the Neapolitan sky. Sov.mor. 16 no.17:23 S '56. (MLRA 9:12)
(United States--Navy)

DYAD'KIN, Yu.D.; MODESTOV, Yu.A.; KAREPIN, B.G.; VESTERMAN, G.M.

Operation of a protective shield under the effect of impact
loads in free roof caving. Zap. LGI 48 no.1:64-72 '63.
(MIRA 17:8)

KAREPIN, S.

Important reserve for meat production. Mias. ind. SSSR
31 no.4:35-36 '60. (MIRA 14:7)
(Meat industry)

L 11308-65

ACCESSION NR: AP5009501

U/0209/65/000/004/0066/0067

AUTHORS: Karepin, V. (Major of technical service); Sinyavin, A. (Senior technician, Lieutenant)

TITLE: How to calculate engine operating time

7

SOURCE: Aviatziya i kosmonavtika, no. 4, 1965, 66-67

TOPIC TAGS: engine/ MA 505 00 05 counter, TKE 21 relay, TKE 52 relay

ABSTRACT: An automatic unit was developed for use with the counter MA-505-00-05. The device automatically calculates the following engine operating times: 1) total operating time on the ground and in the air; 2) airborne operating time; 3) operating time in a forced condition; 4) operating time in a maximum condition (98% rpm). The main components in the automation unit are one TKE-52 relay and five TKE-21 relays. A 27-v ($\pm 10\%$ DC) voltage is supplied to the counter and the automation unit from the plane's system, and a 115 v, 400 cps AC current is supplied to the counter's electric motor by the same system. A terminal switch on the main strut of the landing gear is used in a circuit to discriminate between operation on the ground and in the air. When the engine is operated in a forced condition, a current is fed to the "forced" signal lamp and also to the automatic unit where it activates the forced counter and disconnects the maximum counter. A blocking signal from a

Card 1/2

L 44308-65

ACCESSION NR: AP5009501

universal temperature regulator is used to block the maximum counter when the controls are set at maximum but the engine is still not warmed and is operating below maximum rate. The system has been tested on the ground and in flights and has been found accurate. With slight modifications of the external connections the device can be used on the engines of aircraft and helicopters of any type. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: AC, PR

NO REF SOV: 000

OTHER: 000

Cord 2/2 MB

L 00845-67

ACC NR: AR6011100

SOURCE CODE: UR/0272/65/000/011/0123/0123

AUTHORS: Obukhov, S. G.; Karepin, V. Ye.

TITLE: A thermostat of increased precision with a semiconductor thermoregulator

SOURCE: Ref. zh. Metrologiya i izmeritel'naya tekhnika, Abs. 11.32.1090

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 55, 1965, 121-128

TOPIC TAGS: thermostat, automatic temperature control, resistance bridge, filter, copper, electric wire

ABSTRACT: Accurate maintenance of temperature in physical experiments and in measurement techniques requires thermostats with a volume on the order of 1000 cm³ that ensures a regulation accuracy of +0.01 deg when the range of temperature variation inside the thermostat is 40--70C and the external temperature variation is 18--25C. In addition, the thermostat must be simple, convenient, compact, economical, and operate for a long period without adjustment. A single-stage thermostat developed taking these requirements into account is described. It uses a special generator for powering the bridge permitting selection of a supply frequency for the bridge, which frees the circuit of inductions and pulsations and reduces the dimensions of the filters and isolating capacitors. The sensing element of the thermostat is a copper wire resistance, which ensures the required sensitivity

Card 1/2

UDC: 389:536.581

L 00845-67

ACC NR: AR6014100

of the bridge circuit and higher stability than thermistors. The sensing element permits averaging of temperature. The unbalance voltage at the output of the bridge varies in amplitude and phase according to the change in temperature within the thermostat. After amplification and demodulation, the dc voltage at the output of the demodulator varies in magnitude and sign and enters the final control element--a diode rectifier, which controls the power of the heater in the collector circuit. A heat calculation of the thermostat is given. Tests showed that after the temperature inside the thermostat was established the fluctuations in the output voltage of the bridge over several hours did not exceed $5-7 \mu V (\sim 10^{-3} C)$. 4 illustrations. Bibliography of 9 citations. M. Mekler [Translation of abstract]

SUB CODE: 13, 09

Card 2/2

pb

OBUKHOV, S.G., inzh.; KAREPIN, V.Ye., inzh.

Thermostat with increased accuracy using a transistor heat regulator.
Trudy MEI 55:121-128 '65. (MIRA 18:10)

S/080/63/036/001/015/026
D204/D307

AUTHORS: Bogatyreva, Ye. V. and Karepina, M.A.

TITLE: The inhibiting action of salts of thiodivaleric and sulfonyldivaleric acids in neutral aqueous media

PERIODICAL: Zhurnal prikladnoy khimii, v. 36, no. 1, 1963, 147 - 152

TEXT: Sodium thiodivalerate (I) and sulfonyldivalerate (II) both inhibit the corrosion of steel in water, as determined by weight loss, (particularly in the case of low C steels), inhibitor I being more effective. 0.001 - 0.01 M solutions of I and II fully inhibited the corrosion of galvanic pairs steel/Cr, steel/Ni, Fe/Sn, but were not effective in protecting cast iron, brass, Cu, Zn and Al (corrosion unaffected in the case of Zn and slightly stimulated in the other cases). A study of the effect of inhibitor concentration on the rate of corrosion of steel-4 showed that these inhibitors may be regarded as safe. For the same steel, full protection was obtained

Card 1/2

The inhibiting action of salts ...

S/080/63/036/001/015/026 .
D204/D307

at $\text{pH} \geq 7$, although greater inhibitor concentrations (~ 0.1 M) were required when the water also contained Cl^- and SO_4^{2-} in amounts of 0.001 to 0.025 N. It is demonstrated, on steel-4 that the divalents exert their protective action by retarding essentially the anode process. There are 3 figures and 5 tables.

SUBMITTED:

July 15, 1961

Card 2/2

KARPINSKIY, A. [Karpinski, Andrzej]; RAKOVSKIY, M. [Rakowski, Mieczyslaw];
SOKOLOVSKIY, V.I. [translator]; SHALASHOVA, V.P. [translator]; MA-
KARENKO, Ya.I., red.; SHAGALOV, G., red.; KHOMYAKOV, A.D., tekhn.
red.

[Poland against the background of the world economy] Pol'sha na fone
mirovoi ekonomiki. Pod obshchei red. IA.I.Makarenko. Moskva, Izd-vo
inostr. lit-ry, 1961. 221 p. Translated from the Polish. (MIRA 14:11)
(Poland--Economic conditions) (Economic conditions)

KAREPA, D.

D. Karepa (Zagreb): Die Permutation einer Menge und das Auswahlaxiom.

SO: News of Österreichischen Mathematischen Gesellschaft, Oct. 1952

KAREPIN, S.

Fattening of cattle during long drives. Mias.ind.SSSR 30
no.1:30-31 '59. (MIRA 12:4)

1. Vsesoyuznaya kontora po importu skota.
(Cattle)

KUTUKOV, V.P., KAREPIN, S.A.

Veterinary inspection of livestock trails. Veterinariia 35 no.6:
44-48 Je '58. (MIRA 11:6)

1. Glavnoye upravleniye po sbytu pishchevogo syr'ya pri Gosplane
SSSR (for Kutikov). 2. Vsesoyuznaya kontora Skotoimport (for
Karepin).

(Veterinary hygiene)
(Animal industry)

KAREPIN, S.

Exports of animal products from the Mongolian People's Republic.
Vnesh.torg. 28 no.12:23-26 '58. (MIRA 12:1)
(Mongolia--Stock and stockbreeding)
(Mongolia--Commerce)

KAREPIN, S.A.

Achieve standardization of livestock and meat. Zhivotnovodstvo
21 no.3:20-25 M. '59. (MIRA 12:4)

1. Vsesoyūznaya kontora "Skotoimport."
(Stock and stockbreeding)

KAREPINA, M., kand.. khim. nauk; SUSHKOV, B.

Using corrosion arresters for protecting the inside surfaces
of tanker tanks. Mor. flot. 18 no.12:15-16 D '58. (MIRA 12:1)

1.Orekhovo-Zuyevskiy pedinstitut (for Karepina). 2.Starshiy inzh.
Teknikcheskogo upravleniya Ministerstva morskogo flota (for Sushkov).
(Tank vessels) (Corrosion and anticorrosives)

KAREPINA, M. A.

KAREPINA, M. A.

"Acetoxime Compounds of Divalent Platinum." Cand Chem Sci,
Inst of General and Inorganic Chemistry, Acad Sci USSR, Moscow,
1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institu-
tions (14).

KAREPINA, M.A.

USSR/Inorganic Chemistry. Complex Compounds

C

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 18857

Author : A.V. Babayeva M.A. Karepina

Inst : -

Title : Concerning Complex Compounds of Bivalent Platinum with Acetoxime.

Orig Pub : Izv. Sektora Platiny IONKh AN SSSR 1955, No 31, 56-66.

Abstract : The interaction of trans- and cis- $[\text{PtAox}_2\text{Cl}_2]$ (I), where Aox is acetoxime (Report I, RZhKhim 1955, 1758) with NH_3 and $\text{C}_5\text{H}_5\text{N}$ was studied and some physico-chemical constants of Pt (2+) complexes with Aox were determined. At the action of the concentrated solution of NH_3 on cis-I the salt dissolves, and after the superfluous NH_3 has been removed, white acicular crystals insoluble in H_2O but soluble in diluted acids separate. In accordance with analyses, the following formula was attributed to this compound: $[\text{PtAox}(\text{CH}_3)_2\text{CNO}(\text{NH}_3\text{H}_2\text{O})] \cdot [\text{Pt} \{(\text{CH}_3)_2\text{CNO}\}_2\text{H}_2\text{OCl}]$ (II).

Card 1/2

-30-

USSR/Inorganic Chemistry. Complex Compounds.

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 18857

Light-yellow crystals of $[\text{PtAox}_2\text{H}_2\text{OCl}]/\text{Cl} \cdot \text{H}_2\text{O}$ (III) in the shape of flat rhombs separate from the filtrate after the separation of II and acidification with HCl. Under the action of HCl (1:1) III forms cis-I. The following mechanism of the reaction of I with NH_3 is proposed: H detaches from Aox belonging to the internal sphere of I, when the ions OH^- are in abundance, and a soluble NH_4 salts is produced, which transforms later into $[\text{PtAox}(\text{CH}_3)_2\text{CNOClH}_2\text{O}]$ (IV), where Cl is situated in trans-position to Aox. If the excess of NH_3 is great, H will separate from the second molecule of Aox in IV and will form $\text{NH}_4/[\text{Pt} \{(\text{CH}_3)_2\text{CNO}\}_2\text{NH}_3\text{H}_2\text{O}]$ (V); besides, also $[\text{PtAox}(\text{CH}_3)_2\text{CNO}(\text{NH}_3\text{H}_2\text{O})/\text{Cl}]$ (VI) can be formed; anion and cation remaining in the solution produce II, but a considerable amount of V remains in the solution. Cis-I dissolves easily in a 0.3 - 0.5% solution of NH_3 when heated. Light yellow prisms of IV, well soluble in a

Card 1/3

-31-

KAREPINA, M. A.

137-58-1-1459

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 194 (USSR)

AUTHORS: Barannik, V. P., Karepina, ~~M. A.~~

TITLE: The Source of the Protective Action of Organic Corrosion Inhibitors (Second Communication) [O prichine zashchitnogo deystviya organicheskikh ingibitorov korrozii (Soobshcheniye vtoroye)]

PERIODICAL: Uch. zap. Orekhovo-Zuyevsk. ped. in-t, 1957, Vol 4, pp 3-10

ABSTRACT: An investigation has been made of the cause of the protective effects of quinoline (Q) upon the rate of corrosion (RC) of Fe in HCl. In 2-N HCl, no phase films visible to the naked eye came into being. In 10-N HCl and a 10-15% Q solution, a phase film of spicular crystals of yellow color come into being, the chemical composition of which corresponds to the formula $[C_9H_7NH][FeCl_3]$. In the air these spicular crystals convert to orange rhombic crystals, containing $[C_9H_7NH][FeCl_4]$. On solution of Fe in HCl containing 35-40% Q, crystals having the composition $[C_9H_7NH]_2[FeCl_4]$ appear on the surface of the metal. The inhibiting action of Q on the RC of Fe in concentrated HCl is explained by the formation of superficial compounds that are poorly

Card 1/2

137-58-1-1459

The Source of the Protective Action (cont.)

soluble in HCl and shield the metal from the acid. A study was also made of the effect of monoethanolamine phosphate (MP) on the corrosion of U-74 steel and Cu in water. As the strength of the MP increased, the RC of the steel diminished and the corrosion of the Cu increased. However, there is an interval of MP in which both metals are practically entirely stable. For the first communication see RZhKhim, 1956, Nr 7, abstract 21358.

N. K.

1. Metals--Corrosion 2. Quinoline--Applications 3. Corrosion
inhibitors--Protection

Card 2/2

BOGATYREVA, Ye.V.; KAREPINA, M.A.

Inhibiting effect of salts of thiodivaleric and sulfonyldivaleric
acids in neutral aqueous media. Zhur.prikl.khim. 36 no.1:147-152
Ja '63. (MIRA 16:5)

(Valeric acid) (Corrosion and anticorrosives)

KAREPOV, A.

Issuing credit on payment documents in transit on notification
of enterprises. Den. 1 kred. 16 no.2:52-53 P '58. (MIRA 11:3)
(Credit)

POLYAKOV, I.; POZDNYAKOV, N.; KAREPOV, A.; STARIKOV, I.; DZIBOV, V.;
VAE'KOV, N.

Uniformity and improvement of short-term credit and payments.
Den. 1 kred. 16 no.5:11-25 My '58. (MIRA 11:6)
(Credit) (Payment)

KARES B. Zdravotni skody pri praci v zavode na zpracovani peru Health hazards in a factory handling feathers Pracovni Lekarstvi, Prague 1949, 1/2-3 (168-171)

Workers in a plant engaged in reconditioning and sorting of feathers, were found suffering from irritation and inflammatory changes of the conjunctiva and respiratory passages. Workers handling cheap 'calmuc' suffered from short attacks of pyrexia, starting with rigors and accompanied with general malaise. These facts have to be considered when placing employees in this type of occupation.

Rejsek - Prague

SO: Medical Microbiology & Hygiene Section IV, Vol 3 No 7-12

KARES, B.

Old Czech translation of Salicetti's surgery. Rozhl. chir. 43
no.12:826-828 D ' 64

1. Interní oddělení nemocnice a poliklinikou v Sedlesnech.

KARES, Bohus, MUDr

Case report on pseudopubertas praecox. Gas.lek.cesk. 91 no.19:
9 May 52.

1. Z interniho ambulatoria OUNZ Sedlcany.
(PUBERTY,
pseudopubertas praecox)
(GROWTH, in infant and child,
pseudopubertas praecox)

KARES, B. (DR)

Full Name, Initials, Surname

Country: Czechoslovakia

Academic Degree:

Affiliation: Kraj Endocrinological Department of the KUNZ-KNV [abbreviation not identified] (Krajske endokrinologicke oddeleni KUNZ-KNV), Prague, and the Endocrinological Counselling Bureau (Endokrinologicka poradna), Sedicany (OUNZ-Pribram [abbreviation "OUNZ" not identified])

Source: Brno, Vnitřní Lékarství, Vol VII, No 8, August 1961, pp 916-919

Data: "The Importance of Endocrinological Case-Finding Surveys in Obesity and other Hypothalamo-Pituitary Disorders."

Authors:

TVAROH, F, Doc Dr

KARES, B, Dr

232

KARES, J., inz.; TROCIL, J., inz.

Specialization of gear wheel production. Stroj vyr 9 no.7:366-367 '61.

1. Statni planovaci komise, Praha.